

*Conrad. AS*

with background gas present in said ion guide volume with sufficient energy to fragment said ions.

64. A method according to claim 57, wherein said ion population is trapped in said at least one multipole ion guide.

65. A method according to claim 57, wherein said ion population is trapped in said at least one multipole ion guide and released from said multipole ion guide. - -

### Remarks

Prior to examination it is requested that the application be amended as set forth above to claim the priority of the parent applications and to amend the claims to include any mass analyzer receiving pulsed ions such as TOF and Fourier Transform.

Should any additional fees be due, the Commissioner is directed to debit our deposit account, Account No. 02-2105 for all further amounts required, and is also directed to credit any overpayments thereto.

Date: July 9, 2001

Respectfully submitted,

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